

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"2004228553".pn.	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2008/04/09 10:15
S2	1	"2004228553".pn.	US-PGPUB; USPAT; JPO; IBM_TDB	ADJ	ON	2008/04/09 10:15
S3	0	"2004228553".pn.	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2008/04/09 10:15
S4	5	(TORII near2 KATSUYUKI).inv.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:11
S5	298	(SANKEN ELECTRIC).as.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:12
S6	308	257/361.ccls.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:14
S7	383	257/362.ccls.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:16
S8	71	257/e27.106.ccls.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:18
S9	454	S7 or S8	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:19
S10	547	S4 or (S6 and bipolar) or S7 or S8	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:19
S11	41	S10 and IGBT	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:19
S12	454	S7 or S8	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2008/04/09 13:20

S13	20	("4199774"   "4532534"   "4639762"   "4860072"   "4881106"   "4959699"   "5089864"   "5187555"   "5229629"   "5237481"   "5497014"   "5557127"   "5631484"   "5917207"   "5973376"   "6002153"   "6140184"   "6614684"   "6710405"   "7157338"). PN.	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2010/09/13 12:46
S14	3	("20020093033"   "5631484"   "6140184"). PN.	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2010/09/13 12:52
S15	21	S13 or S14	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2010/09/13 12:52
S16	27	("4199774"   "4532534"   "4639762"   "4860072"   "4881106"   "4959699"   "5089864"   "5187555"   "5229629"   "5237481"   "5281872"   "5365085"   "5497014"   "5557127"   "5631484"   "5917207"   "5973376"   "6002153"   "6140184"   "6614684"). PN. OR ("2002/0093033"   "5497014"   "6002153"   "6710405"   "7157338").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/13 13:24
S17	6	(US-20020093033-\$). did. or (US-7157338-\$ or US-6710405-\$ or US- 6002153-\$ or US- 5497014-\$).did. or (JP- 2004228553-\$).did.	US-PGPUB; USPAT; JPO	ADJ	ON	2010/09/13 13:25
S18	23	S16 not S17	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2010/09/13 13:25
S19	337	257/361.ccls.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2010/09/13 13:29

S20	433	257/362.ccls.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2010/09/13 13:29
S21	71	257/e27.106.ccls.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2010/09/13 13:29
S22	671	S19 or S20 or S21	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2010/09/13 13:29
S23	11	(TORII near2 KATSUYUKI).inv.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2010/09/13 13:37
S24	526	(SANKEN ELECTRIC).as.	US-PGPUB; USPAT; IBM_TDB	ADJ	OFF	2010/09/13 13:39

**EAST Search History (1 interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	257/361.ccls.	UPAD	ADJ	OFF	2010/09/29 14:01
L2	1	257/362.ccls.	UPAD	ADJ	OFF	2010/09/29 14:01
L3	0	257/e27.106.ccls.	UPAD	ADJ	OFF	2010/09/29 14:02
L4	1	1 or 2 or 3	UPAD	ADJ	OFF	2010/09/29 14:02
L5	0	((semiconductor base) with (plurality of first semiconductor regions) with (plurality of second semiconductor regions) with (surface area)).clm.	UPAD	ADJ	OFF	2010/09/29 14:04

9/ 29/ 2010 2:05:13 PM

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